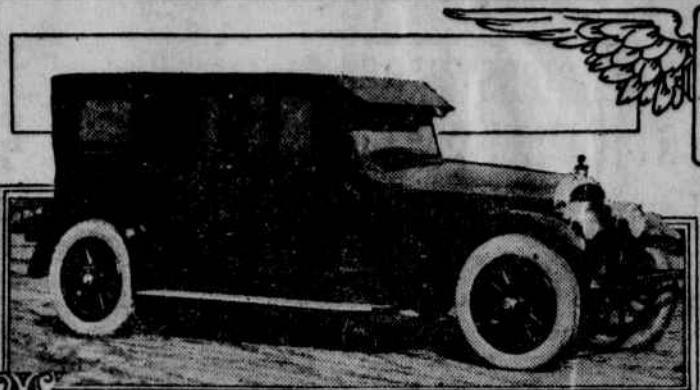
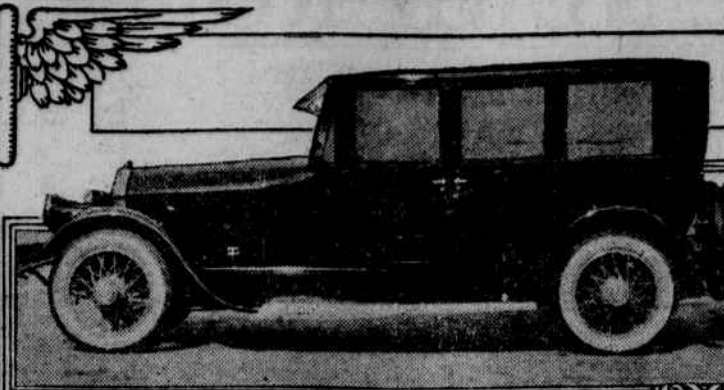


BENZ



DORRIS



PIERCE - ARROW



BIDDLE

## Automobile Salon Will Be Brilliant Social Event

Record Exhibition of Cars of Six Nations and Latest Creations of World's Leading Carrossiers at Exhibition Opening To-night.

The largest assemblage of the world's finest motor cars ever gathered in this country will be on exhibition at the seventeenth annual Automobile Salon opening at the Commodore Hotel to-night. Thirty makes of high grade motor cars, representing England, France, Belgium, Italy, Germany and the United States, and custom built bodies designed by prominent carrossiers of three European capitals and a half score American cities will disclose all that is new and fashionable among the aristocracy of motordom.

With eleven makes of motor cars from five European countries, this season's exhibition has as large and as fine a foreign representation as this famous exhibition ever had in the days when it was limited to imported automobiles and when these enjoyed undisputed sway in the realm of motor cars de luxe. Added to these this year are nineteen makes of the leading high priced cars of America, which will be found by comparison to be on a par with the best from abroad. In custom bodies American designers and builders, thirteen of whom have special exhibits, will establish more firmly their superiority.

Last year's salon set a new record for number of exhibits, yet the exhibition opening to-night is fifty per cent greater. Thus is attested the fast growing vogue of the fine motor car and custom body, and the success of the annual salon. There will be exhibits in the main lobby and mezzanine balcony of the Commodore, as well as throughout the entire ballroom floor. From January 25 to February 4 the salon will be repeated at Chicago.

The following makes will be on exhibition: Benz, Biddle, Brewster, Cadillac, Cunningham, Daniels, Dorris, Duesenberg, Falcon, Fergus, Fiat, Hispano Suiza, Isotta Fraschini, Lafayette, Lanchester, Lancia, Lincoln, Locomobile, McFarlan, Mercedes, Minerva, Packard, Twin Six, Pierce Arrow, Rauch & Lang, Richelieu, Rolls Royce, Spa, Stevens Duryea, Sunbeam and Winton.

Special custom coachwork exhibits will be made by the following American carrossiers: Brewster, Brooks-Ostruk, Clarke D. Reese, De Causse, Durham, Fleetwood, Healey, Holbrook, Locke, New Haven, Rochambeau, Walter M. Murphy and Smith Springfield. All that is meritorious in accessories, fittings and equipment will be found on various complete cars exhibited. Included are the latest fabrics in cloth and leather upholstery materials which have become so important a feature of the fine motor car. Beautifully grained imported leathers, attractively woven broadcloths from the looms of old Normandy and rare spun tapestries from the Orient are predominant among upholstery materials used. Fashionable color effects including a new variable color, which changes under different lighting, will prove a real attraction. In chassis construction also there will be new designs and developments of special interest. The straight eight motor, which has eight cylinders in a line instead of the customary V type introduced at last year's Salon, together with hydraulic brakes on all four road wheels, by Duesenberg, will be found this year

on the Isotta Fraschini as well. This Italian car was also the pioneer in the use of four wheel brakes. These two comparatively new mechanical features played a highly important part in the victory last summer of the Duesenberg in the French Grand Prix, the only surviving automobile racing classic. Because it was the first victory of an American car in a big international event unusual interest will center in the Duesenberg exhibit at the Salon, and in discussing automobile racing it is significant to note that nearly all the cars, both foreign and American, which figure conspicuously in the history of automobile racing are among this season's Automobile Salon exhibits.

Among a number of other new mechanical features which the Salon will disclose is the distillator on the Dorris, a device which makes practical the use of low grade fuels in the standard type gasoline motor. A distinctively new type of car will be introduced at the Salon in the Falcon, which belongs to the light car or "1½ litre class," that gained marked popularity abroad during the last year. This can be described as a miniature of the standard types of big cars and will prove of real interest to Salon visitors.

For a majority of those who own high priced motor cars and therefore visit the Salon the principal interest will center in the magnificent examples of the coachmaker's art. In styles and designs, in fittings and upholstery, and in color effects, the custom bodies at this season's exhibition will establish new standards of excellence. In the design of running boards, fenders and lamps the creators of body styles have evolved new ideas which are both astonishing and pleasing.

### Auto Salon Closeups

#### ROLLS-ROYCE.

The present Rolls-Royce chassis has so definitely established its superiority over any Rolls-Royce car built before that, in its present form, it is considered by all who have become acquainted with it to have reached the highest state of mechanical perfection yet attained.

Its chief claim to superiority does not lie in any one quality. It is the wonderful combination of all the essential qualities which enables the car to perform equally well under varying conditions. Whether the car is being driven in dense traffic or at speed in the open country or climbing the hills, in fact under no matter what conditions it is worked, a Rolls-Royce is always the perfection of motoring. It is unquestionably the most versatile car ever made.

The coach work exhibited will reveal the highest possible standard of the coach builder's art. The Rolls-Royce company has long recognized that to improve a car from year to year means not only to improve the chassis but the comfort and beauty of the body work, and in this instance a great deal of time has been devoted to insure that the body work, both in its quality and comfort, shall be fully in keeping with the chassis.

The carriage work of the cars to be exhibited is: Limousine, painted Orleans brown, upholstered in brown broadcloth; enclosed drive limousine, painted Rolls-Royce blue, upholstered in blue and brown mixture broadcloth; Salamanca cabriolet, painted French gray, upholstered in light tan broad-

cloth; enclosed drive cabriolet, painted French gray, upholstered in drak gray whipcord; six passenger sedan, painted carriage painter's carmine, upholstered in brown and drab mixture; and five passenger touring, painted cream, upholstered in genuine pigskin.

#### DORRIS.

The sedan body on the Dorris chassis built by the New Haven Carriage Company is remarkable not only for its construction and beautiful finish but its strength of construction, designed to overcome all bumps, squeaks and rattles. Recesses around the door and window openings consist of aluminum castings to cover all joints and openings which prevent the joints from cracking and checking.

The soft roof construction is remarkable, as it is paneled the same as a drawing or ball room to eliminate rumbles and beautify the interior.

Very soft and comfortable seat and back cushions to fit the owner and chauffeur's specifications are furnished.

Regulator for side windows as well as the glass division are standard equipment. The roof and chauffeur's compartment are covered with genuine hand buffed leather instead of a substitute material.

The New Haven Carriage Company has been building high class coach work since 1837 and has given its whole factory over to the construction of automobile bodies from 1837 to 1921. Undoubtedly the first automobile that you rode in was equipped with a New Haven body.

#### BIDDLE.

You pay more for a Biddle as compared with other motor cars of its size, not so much because the material is better, but because this car is put together with the same care and skill as are devoted to the construction of the two or three big cars generally acknowledged to be the world's finest. True, the different parts cost from two to five times as much as the same parts in cars priced only a little lower, but the big thing, the thing that makes the Biddle stand out, is the old fashioned honest craftsmanship which goes into its making.

A sturdy, low hung chassis of 125 inch wheelbase, powerful, fast and safe, which will give you fifteen to twenty miles on a gallon of gasoline and 12,000 to 15,000 miles on a set of cord tires, mounted with an exquisite hand made body of exclusive design, an automobile so thoroughly tested and adjusted that it requires no "breaking in"—that, in brief, is the Biddle.

#### PIERCE-ARROW.

Coincident with the Automobile Salon exhibit of custom built bodies mounted on Pierce-Arrow dual-valve chassis will be held a showing of the latest standard Pierce-Arrow creations. This special exhibition will be opened Monday at the Fifty-fourth street showrooms of the Harrolds Motor Car Company and will be continued throughout the week.

Special interest surrounds the Harrolds exhibit because models of the recently introduced enclosed drive cars will be among the types displayed. In these cars safety, utility and comfort

features of design.

A sturdier method of body construction permits the use of pillar uprights of one-half the usual width, thus eliminating the "blind spots" which hinder a full sweep of vision in the ordinary closed car. Windows lower fully in these cars, a new method permitting the glass to double past itself. Instead of an unsightly roof opening, the roof ventilator is concealed by a webbed dome light.

Beauty is expressed not only in the low, sweeping lines and the distinctive coach colors of these cars but in the interior decorations. Rich fabrics of the most exclusive design are used.

Among the cars which are included in the exhibit are a French limousine, a seven passenger sedan, a four passenger sedan, a seven passenger vestibule sedan, a brougham, a landaulet, a limousine, a seven passenger touring, a four passenger touring, a runabout and a three passenger coupe.

#### ISOTTA FRASCHINI.

The Morton W. Smith Company of 19 West Forty-fourth street is showing an Isotta-Fraschini chassis that was exhibited at the Paris and London shows. It is a right hand drive with centre control. The wheel base is 146 inches and the car is light, powerful and economical.

The Isotta has been famous for years, having been conspicuous in racing contests throughout the world. It has eight cylinders and brakes on all four wheels.

Mr. Smith has placed orders for new and original types of bodies for this remarkable chassis, which can be delivered in a few weeks.

#### BREWSTER.

In the Brewster offerings if one is interested in speed one sees it in the Lanchester. If one is interested in what money can buy when it is given carte blanche one looks at a customer's special order for a body for a favorite chassis, but if one is looking for the crystallization of modern metropolitan taste, associated with first nights at the opera, New York history of yesterday and to-day's quotations in the bond market offerings, he will look at the Brewster town car on display. Shown in the Brewster exhibit are a Brewster cabriolet, an enclosed drive, a glass quarter brougham on Brewster chassis and a Lanchester polished chassis.

#### F. I. A. T.

The F. I. A. T. Company, which took such an active part during the war in large production of all kinds of transportation vehicles, is exhibiting for the first time its three complete chassis, namely, models 501, 505 and 510.

These chassis are the result of extensive engineering research toward lighter, more economical and practical cars.

Model 501 is a four cylinder high speed motor, developing 14 horse power, with a wheel base of 104 inches, and is one of the first of extremely high grade but small cars to be built. Although only exhibiting the sedan of this chassis, there are several other types

of bodies—touring car, coupe and roadster.

F. I. A. T. is also exhibiting model 505, a four cylinder landaulet. The coach work on this chassis is done in Italy. The car itself is wonderfully adapted for town or suburban work. It has a wheel base of 122 inches, with a four cylinder high speed motor developing 25 horse power.

On the 510 six cylinder chassis F. I. A. T. is using a specially designed cabriolet custom built body; also on the same chassis a beautiful inside drive sedan with coach work by Fleetwood.

### AUTO DRIVER GETS WIRELESS MESSAGES

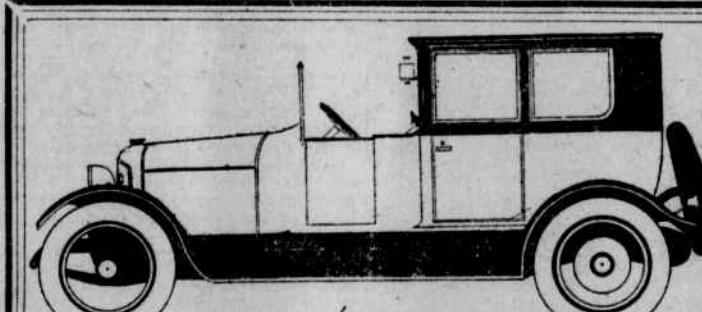
"Though we often hear nothing is new under the sun," says George Stowe, general manager of the Reo Motor Car Company of New York, "I received word from the West that it was possible to direct the control of an automobile by wireless, and I think that's new. The experiment was tried at the recent Minnesota State Fair and a speed wagon was used."

"This Reo, equipped with a complete outfit of wireless sending and receiving apparatus, went out on the road and a dispatching operator, located in one of the fair buildings, directed the driver to stop at certain points. Even while running at a high rate of speed messages were received and sent."

"Of course as a commercial proposition the wireless controlled automobile is in its infancy, but look at the possibilities. With its development a very busy man can keep in touch with his office regardless of where he may be, or the farmer who goes out with his produce can be in constant contact with his home. Eventually transportation in all its phases will be hooked to the entire world by wireless."

### COGHLAN ENTHUSES OVER USED CAR SHOW

The used car show has come to stay, according to W. J. Coghlan, president of the Moon Motor Car Company of New York. Mr. Coghlan believes that this show is a distinct forward step in serving the public and will become an annual feature hereafter.



Coupé Limousine \$8200

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These world-famous cars not only constitute the utmost in automobile construction, but at their cost today, present a value difficult to obtain.

The Minimum of Maintenance  
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Announcing  
The Arrival of A New Model  
World Renowned

## ISOTTA FRASCHINI

Brakes on four wheels Eight Cylinders in line

CHASSIS ON EXHIBITION  
AT THE AUTOMOBILE SALON  
Comparisons Invited

MORTON W. SMITH CO.  
19 W. 44TH ST. N.Y. DISTRIBUTORS FOR U.S.A.

cylinders are divided into two blocks of three cylinders, each with a carburetor in the centre of each block and the two working simultaneously. The big advantage in this arrangement is that a better control of the gasoline mixture is obtained because it enters the cylinders direct and does not have to be carried a considerable distance to the first and sixth cylinders as in the former model, where only one carburetor was used in the centre of a single block of six cylinders.

In tests made on the other side this model readily did eighteen miles on a gallon of gasoline. As a matter of fact, the big purpose in the design and construction of this model was to develop to a very high degree efficiency and economy. By effectively combining lightness with strength and devising new methods of construction here and there the purpose of the builders has been fully realized. For example, much thought was given to ways and means to make the rear end hold firmly to the ground at all speeds. So in this model the rear spring is shackled at the front end instead of fixed to the frame, which permits the wheel to take up road shocks without transmitting them to the frame.

In the matter of bodies, too, nothing has been spared to make them the best. They will be specially designed by J. Frank de Causse, a consulting engineer designer formerly with Kellner and ses Pils, Paris.

### PANHARD EXHIBIT.

Of interest to the purchaser of foreign cars is an extremely smart little town brougham exhibited by Panhard & Levasseur at their showroom in Fifty-seventh street, which embodies many up to date ideas, together with an individuality found only in the custom built car. They also are showing a stripped chassis which enables the purchaser to examine very closely into the various points of material and workmanship.

## THE BENZ & CIE UNITED STATES DISTRIBUTORS, Inc.

beg to announce the arrival of the latest type 1922 chassis, which will be on exhibition at the AUTOMOBILE SALON NOV. 27th to DEC. 3rd Inclusive

## BENZ Motor Cars BENZ-GAGGENAU Trucks and Tractors

SHOW ROOMS  
209 W. 57th ST.  
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A WONDER Car that has led in Automobile Engineering since 1905

## The Dorris

"Built Up to a Standard,  
Not Down to a Price"

CARLTON MOTORS CORPORATION  
Park Ave. at 53d Street New York City

## Biddle

Crane Motor Car Co.

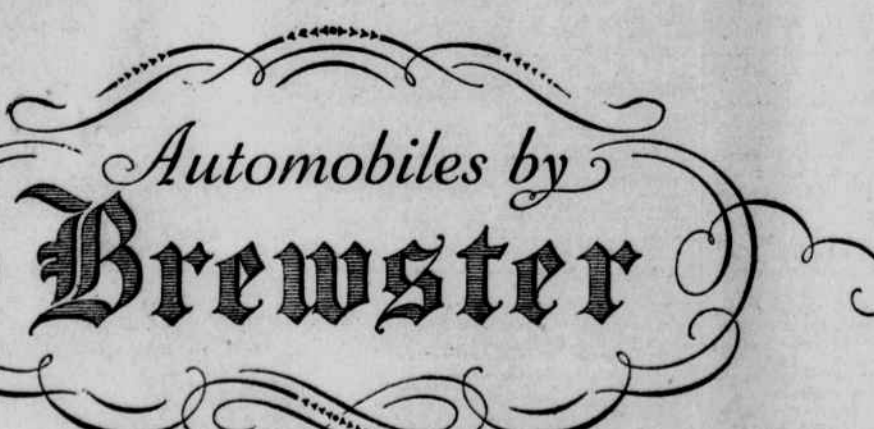
announce that they are exhibiting at the Automobile Salon their 1922 chassis equipped with Baker, Rauch and Lang coach work.

In building the BIDDLE motor car old-time methods of construction are employed. Into it are put the finest 25x34 four-cylinder engine which can be made, the best magnetos, our own axle and four speed gear-set, big, positive, soft-setting brakes, the best lighting and steering system known. These parts are assembled by expert hand labor. Each chassis is given a road test of 500 miles under the most trying conditions.

All bodies mounted on BIDDLE chassis are especially built by the Baker, Rauch and Lang Company, of Cleveland. These bodies are constructed of aluminum are hand-painted and mounted on one-inch piano felt bolted to the frame by eight body bolts. They are of the utmost refinement in detail of appointment.

Sole Metropolitan Distributors

Biddle-Durant Motor Sales Company  
229 West 57th Street Tel. Circle 4346



### AT THE SALON

BREWSTER & Co. invite inspection of their exhibit at the Automobile Salon this week at the Hotel Commodore. Qualified technical opinion, as well as the judgment of experienced motorists, indicate that this exhibit is truly representative of the high points in contemporary automotive production. Included in the exhibit are:

BREWSTER MOTOR CARS: highly specialized town cars. The most luxurious cars of their type in the world.

LANCHESTER CHASSIS: the foremost achievement in automotive engineering of the post-war period. The new English masterpiece in chassis design.

BREWSTER COACH WORK: examples showing the authoritative trend of style in motor bodies. Brewster, it is to be remembered, sets the coach work standards for Europe as well as America.

BREWSTER & CO.  
FIFTH AVENUE AT FIFTY-SIXTH STREET